

ABSTRACT OF THE DISCLOSURE

A program development apparatus is provided with a generator and a compiler for generating a program and an event pseudo-generating routine based on a state-transition matrix and event pseudo-generating information, an evaluation chip for executing emulation of the program and the event pseudo-generating routine and an analysis section for starting emulation of the program from a state input as an initial state, for referring to the event pseudo-generating information and for rewriting information memorized in a RAM used in executing the pseudo-generating routine and pseudo-generating an event into information corresponding to an event instructed so as to occur.